

Abstract

Device for longitudinal guidance of a motor vehicle, comprising a driver assistance system (10) which outputs a
5 brake request signal to a brake control unit (12), the driver assistance system (10) being designed to output a brake request signal in the form of a distance signal ($s_{setpoint}$) which specifies the distance to be traveled by the vehicle within which the vehicle is to reach a predefinable target
10 velocity (v_z), and the brake control unit (12) having a conversion unit (20) for converting the distance signal into a brake operation signal (P_i).

(Figure 1)